15. Slight increases in revenue are expected under the following major heads.

16. *Land Revenue.*—An improvement of a quarter of a lakh is anticipated. The demand under Ayacut revenue under normal conditions is Rs. 37·5 lakhs, but only Rs. 33·80 lakhs is budgeted for the next year.

17. *Excise.*—Excise revenue is expected to be better than the current year's expectations by Rs. 1·10 lakhs of which Rs. ·85 of a lakh is under Tobacco and Rs. ·25 of a lakh under Abkari and Opium. The budgeted revenue under Abkari and Opium is however only Rs. 29¼ lakhs as against the actuals of 1105 amounting to nearly Rs. 40 lakhs.

18. *Forest.*—The estimated revenue for the next year is Rs. 15·46 lakhs or Rs. ·46 of a lakh in excess of the current year's revised estimate. But, it is less than the actual receipts of 1105 by about Rs. 1¼ lakhs.

19. *Police.*—The motor buses are being examined at present by officials of other departments and by non-officials to whom one half of the fees realised in the case of the former and fees up to the maximum limit of the fees realised in the case of the latter, are being paid by charging the same to the head "Refund of Revenue" under Police. As it is proposed to appoint three more Traffic Inspectors in connection with the formation of a separate Traffic Department from the beginning of the next year, the examination of the buses will in future be conducted by the Traffic Inspectors of the Police Department and the entire receipts will be credited to the department. This accounts for an increase of about a quarter of a lakh.

20. *Railways*—The net receipts from the Shencotta-Trivandrum Railway for the year ended March 1931 amounted to Rs. ·27 of a lakh as against a *loss* of Rs. ·11 of a lakh for the previous year. It is observed that the earnings in all the sections of the South Indian Railway are on the decrease, due to reduced movement of grains, paddy, rice, piece-goods, etc. For the next year, a net receipt of only half a lakh is estimated.

Expenditure charged to revenue.

21. For several years past, we were having revenue surpluses and though the surpluses in recent years have been reduced on account of our Capital outlay on productive works, we have no reason to be anxious about our financial position. It has been the aim to maintain a financial equilibrium, but that has not been attained by crippling the growth of important nation-building activities or starving the needs of progressive administration. Nevertheless, we are not free from anxiety as regards our revenue realisations next year on account of the effects of the world-wide economic depression which has already affected our country and our revenues, and with a view, as far as possible to be on the safe side, the budget proposals of the Heads of departments were subjected to a close and thorough scrutiny and only the essential requirements have been provided for. Drastic cuts to the extent of about

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Rs. 17 lakhs have been made in the proposals for expenditure received from the various departments, and it has been found possible only just to balance the budget leaving a nominal surplus. The allotment for new and incomplete works under 29 P. W. D. has had to be reduced to the extent of Rs. 8½ lakhs as compared with the budget provision for the current year. The grants for optional items, such as Travelling Allowances and Contingencies have been reduced by about Rs. 8 lakhs. Such of the special items of expenditure as can stand postponement have been held over. Further retrenchment under expenditure will be considered by Government in the course of the next year.

22. As the result of the retrenchment effected, the programme of expenditure chargeable to revenue during the next year is estimated at Rs. 231·66 lakhs This is Rs. 8·99 lakhs. less than the revised estimate for the current year. I shall now proceed to deal with the more important items.

23. *Land Revenue.*—A total reduction of Rs. ·69 of a lakh is made in the gross expenditure of this department. The existing temporary staff in the Survey department for checking the Puduval Sub-division and L. R. M. sketches is proposed to be continued next year, to clear off the arrears of work. Provision has been made for a small staff for a period of six months for the disposal of pending Land acquisition cases in connection with the Chakay-Tampanur Railway Extension and Trivandrum Water Works, to be finally debited to Capital account and for an additional temporary staff for six months for the demarcation and survey of the lands on either side of the Pallivasal—Neriamangalam road. The temporary staff entertained last year for the Survey and demarcation of ryots' roads in the Pattanamtitta taluk is proposed to be disbanded, as the balance of work remaining to be done could be attended to by the normal staff of the Land Revenue Department. The Survey staff engaged in the work of sub-dividing big minor circuit areas available for registry in the Todupuzha, Kottarakara, Pattanapuram, Pattanamtitta and Kunnattur taluks is also proposed to be discontinued at the close of the current year as there is no keen demand for lands at present. The Special Survey School at Trivandrum and the Survey Schools at Kottayam and Muvattupuzha are proposed to be continued next year.

24. *Excise.*—Provision is made for an additional Excise staff for the Railway Customs House to be opened at Pettah on the Chakai-Tampanur Extension and for the manifest registering station for the Karinkulam Chowkey, besides the continuance of the special staff entertained in connection with the introduction of local option in the Changanachery town and for guarding the Arukutty, Piravom and Alwaye frontiers.

25. *Forest.*—In connection with the scheme for the easy verification and speedy disposal of arrear claims of kudivila on Royal trees felled from private lands provision has been made for the entertainment of an increased staff next year.

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26. *Registration.*—The number of documents presented for registration has been on the decline. It was only 3,88,031 in 1105 as against 4,12,537 in 1104. The number has declined still further during 1106. The necessity for the continuance of all the 16 Temporary Sub-Registry Offices does not now exist. During the current year three temporary offices were abolished and it is proposed to abolish six more temporary offices from the commencement of the next year. Provision is included in the Budget for the continuance of the temporary staff of 12 clerks for the twelve over-worked Sub-Registry Offices and for the entertainment of 17 clerks in offices adjacent to those proposed to be abolished, to give relief of work to those offices.

27. *Administration of Justice.*—The allotment for the next year includes provision for the continuance of the Third Bench in the High Court, all the Temporary Second Judges' Courts, Munsiffs' Courts and Sirkar Vakils' Offices throughout the year, as also for the continuance of the office of the Commissioner for Enquiry into Laws' Delays to the end of Tulam 1107. As the Law College is, from the beginning of the current academic year, a full-time institution, the staff has been revised and provision made for the revised staff.

28. *Police.*—At present there is only a special staff of four Traffic Inspectors for the control of all vehicular and motor traffic in the State. As the number of Inspectors is too small for an effective control, it is proposed to appoint three more Traffic Inspectors with a staff of fourteen Head Constables and seven Constables under a separate officer of the rank of a District Superintendent of Police. The Head Constables and Constables will be recruited from the normal staff of the department and with the creation of the new Traffic department, the temporary post of the Personal Assistant to the Commissioner of Police will be abolished. As has already been stated, the half-yearly testing of the motor buses will, in future, devolve on the seven Traffic Inspectors of the department and the additional expenditure involved in the creation of the new appointments will be more than covered up by the fees realised for the testing of the buses which will be credited to the department. Provision is also made for the reorganisation of the Armed Reserve, besides the continuance of the existing temporary staff for the Motor Section in the Head-quarters Office and the District Superintendents' Offices.

29. *Education.*—The allotment for the current year is Rs. 51·61 lakhs. This includes a special provision of Rs. 4 lakhs for payment of arrears of increase of pay as per the revision to Vernacular School teachers and for payment of enhanced grant-in-aid to private Vernacular Schools with retrospective effect from 1st Chingom 1104. If this special provision is excluded, the normal grant for the year would be only Rs. 47·61 lakhs. Against this, an expenditure of Rs. 48·30 lakhs is estimated for the next year. The increase is chiefly under English School Education and Miscellaneous. Under the latter, a provision of half a lakh of rupees is included for payment of arrears of grant-in-aid to private schools, as it may not be possible to dispose of all the arrear

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bills before the close of the current year. Provision is also made for Zoology (Main) Group for the B. A. Course in the College of Science, opened from the beginning of the current academic year, for the appointment of a separate Demonstrator in Physics and an additional Malayalam Pandit in the College for Women and for an additional Lady Graduate teacher in the High School for Girls. A lump provision of Rs. 23,000 has been made for the appointment of additional teachers in Vernacular Schools for Boys and Girls.

30. *Agriculture and Fisheries.*—The Agricultural School at Koni was opened during the current year. The three existing temporary Agricultural Inspectors are proposed to be continued during 1107 for continuing the propaganda work in the taluks of Neyyattinkara, Mavelikara and Tiruvalla. On a representation from the fisher-folk engaged in catching prawns from the back-waters, it is proposed to reduce the license fees on *pachil chengadoms* (chain-driving boats) from Rs. 15 to Rs. 7½ with effect from 1st Chingom 1107.

31. *Medical and Sanitary*—The grant for the next year is Rs. 11·94 lakhs. Provision is made for granting increased medical facilities by the appointment of a Specialist in ear, nose and throat diseases in the Assistant Surgeon's grade, one Sub-Assistant Surgeon as Assistant to the X-ray Specialist in the General Hospital, Trivandrum, and two Lady Sub-Assistant Surgeons, one for each of the District Hospitals at Kozhencherry and Mavelikara, besides other medical subordinates for the District Hospital and Victoria Hospital at Quilon and for the Dispensary at Peermade. Provision is also made for the continuance of the temporary staff engaged in leprosy survey work and on plague duty. A provision of Rs. 10,000 has been made for the acquisition of additional land for the District Hospital, Quilon, and of Rs. 4,000 for furnishing the new ward to be opened in the Women and Children's Hospital, Trivandrum. A Compounders' class has been opened in the General Hospital from Mithunam 1106.

32. The Sanitary budget includes provision for the appointment of a Sub-Assistant Surgeon as Assistant to the Superintendent, Vaccine Depot, in the place of the existing Sanitary Circle Officer and for a Reserve Vaccinator for the Kuzhithurai Sanitary Circle.

33. The Public Health programme for the next year, forwarded by Dr. Jacocks, Honorary Advisor to Government in Public Health matters is estimated to cost Rs. ·77 of a lakh as against the current year's anticipated expenditure of Rs. ·60 of a lakh.

34. The proposed activities of the Department for the next year are the following —

i. Public Health education and propaganda.
ii. Hook-worm treatment and campaign.
iii. Filarial survey.
iv. Epidemiology.
v. Health Unit.
vi. Medical Entomology.

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(i) *Public Health education and propaganda.*—The Health Educational Officer is now engaged in educational propaganda work with the help of the cinema and magic lantern lectures. Appreciable co-operation is also extended by him towards social service organisations in order to awaken popular interest in Public Health. He also contributes articles to newspapers besides publishing and distributing illustrated pamphlets on hook-worn disease. A Public Health Library has also been started under his supervision. This work is to continue next year.

(ii) *Hook-worm treatment and campaign.*—A survey of the hookworm disease was undertaken from 1105 in order to ascertain the intensity and incidence of the disease in various parts of Travancore. The investigation thus carried on disclosed a very high percentage of infection. A treatment campaign was immediately taken in hand and mass treatment was started from Kumbhom 1106 in Trivandrum and subsequently extended to other taluks. The treatment is now carried on by three parties, each party consisting of an Assistant Surgeon and two Sub-Assistant Surgeons. One party will stay for about a month in each taluk where twelve centres are selected for treatment. Till now, treatment has been carried on in ten out of the thirty taluks and about 46,500 persons have been treated. It is proposed to continue the work in 1107.

(iii) *Filarial Survey*—Filariasis has become established in certain parts of Travancore including Trivandrum. Investigation into the incidence of the disease was commenced in the Trivandrum Town in Mithunam 1105 and is being continued. The investigations conducted in 19 out of the 24 wards in the Town have shown that eleven per cent. of the persons examined so far, proved positive for micr[illegible]filaria. It is proposed to complete the survey of the town during 1107.

(iv) *Epidemiology.*—The control of preventible diseases such as malaria, yaws, leprosy, filariasis, etc., as well as the control of epidemics when they arise and their prevention when imminent, lie within the scope of this work. The work has now been started in the Vilavankod taluk in a limited way. A staff of one Sub-Assistant Surgeon and six Sanitary Assistants has been appointed under the Epidemiologist and the staff is proposed to be continued next year.

(v) *Health Unit.*—The work of this branch is first to survey the area selected for Health Unit purposes in order to determine the health problems, to carry on extensive educational propaganda work, establish maternity and child-welfare clinics, take charge of epidemics such as plague, cholera, enteric fever, etc., and prevent them, if possible. Organised campaign against malaria, hookworm, filariasis, yaws and leprosy will be undertaken by the health unit party within the area of their jurisdiction. Sanitation is to be generally established throughout the area and every public health need of the area is to be attended to by the party. The first health unit with the aims stated above, has been started in three pakuthies of the Neyyattinkara taluk from 1st Edavom

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last and a staff of one Medical Officer of Health, one Assistant Surgeon, three Sanitary Inspectors and three Midwives has been appointed for the purpose. It is proposed to extend the work of the Health Unit to three more pakuthies of the Neyyattinkara taluk and an additional staff of three Sanitary Inspectors and three Midwives is proposed to be employed for the purpose from Kumbhom 1107. It is also proposed to strengthen the Health Unit staff by the addition of two Public Health Nurses. Two Lady Sub-Assistant Surgeons have accordingly been deputed to Ceylon to be trained as Health Visitors who, on return, will be absorbed in the personnel of the Health Unit.

(vi) *Medical Entomology.*—The main function of this branch is to determine the role played by the various species of mosquitoes in the propagation of malaria and filariasis. The Entomologist will identify, classify and describe the species common to Travancore and enumerate the habits of both larvae and adult mosquitoes. In order to carry on the work, Government have secured on loan, for a period of one year, the services of Mr. M. O. T. Aiyangar who is now employed in the Bengal Malaria Research and Hygiene Laboratory, Calcutta School of Tropical Medicine. The Officer is expected to join duty in October next.

35. *Public Works.*—The total expenditure by the P. W. D. chargeable to revenue, including establishment charges, tools and plant and the working expenses deducted from Productive Irrigation receipts during the last five years is as below:—

Year.	*Rupees in lakhs.*
1101	30·00
1102	28·96
1103	36·42
1104	41·40
1105	42·27

The budgeted expenditure for the current year is Rs. 41·75 lakhs against which the actual expenditure is expected to stand at Rs. 37·75 lakhs. Notwithstanding the heavy fall in the budgeted revenue from that of the current year which amounts to Rs. 18·60 lakhs, an allotment of Rs. 32·50 lakhs has been provided for P. W. D. expenditure next year, besides special provision for Capital works amounting to Rs. 18·34 lakhs. Full details of the proposed expenditure on works in progress and on new works are, as usual, given in Appendix B to the Budget Estimates. The schedule of works in progress includes a provision of Rs. ·40 of a lakh for the construction of a bridge at Thottapalli on the completion of which a through road communication from one end of Travancore to the other will be available. The provision for new works includes Rs. ·40 of a lakh for special repairs and improvements to the Pier at Alleppey and Rs. ·15 of a lakh for the investigation of a drainage scheme for the Trivandrum Town. The current year's grant for Protective Irrigation is Rs. 2 lakhs and the same amount is provided for the next year.

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36. *Army.*—The expenditure under this head is estimated at Rs. 7·75 lakhs as against the revised estimate of Rs. 6·45 lakhs for the current year. The excess is due to increased grant for Army works.

37. *Village Panchayats.*—As an experimental measure, it is proposed to organise in 1107 two Panchayats in each of the Divisions of Trivandrum, Quilon and Kottayam and the Dewan Peishkars have been asked to choose suitable centres. Under Section 44 (3) of the Village Panchayat Regulation, Government have to contribute an amount not less than three-fourths of the budgeted expenditure of each Panchayat for the first five years. A lump provision of Rs. 6,000 has accordingly been made under 38, Miscellaneous.

38. *Economic Depression Enquiry Committee.*—Travancore shares with the rest of the world the effect of the present economic depression and Government have appointed a Committee consisting of official and non-official members to investigate and report upon the extent and causes of the situation so far as it affects our State and to suggest remedial measures. The Committee began its work towards the close of Edvavom last. The report of the Committee is awaited.

39. *Analysis of the reduction in expenditure.*—The allotment for the next year under expenditure charged to revenue is Rs. 231·66 lakhs, the corresponding provision for the current year being Rs. 248·77 lakhs. A reduction of Rs. 17·11 lakhs under expenditure has been effected as shown below:—

	Rupees in lakhs.
Salaries and Establishment ...	·19
Travelling Allowances ...	·52
Supplies, Services and Contingencies ...	4·04
Other contingencies such as Forest Conservancy and Works, Discount on sale of stamps etc. ...	3·50
Works by P. W. and Maramath departments...	8·86
Total ...	17·11

CAPITAL EXPENDITURE NOT CHARGED TO REVENUE.

40. *Railways. Quilon-Trivandrum line.*—A provision of Rs. ·55 of a lakh is made for capital works on the line, as detailed in Appendix G of the Budget.

41. *Chackai-Tamjanur Extension.*—The cost of the extension as per the sanctioned estimate is Rs. 19·15 lakhs and the aggregate expenditure to the end of the current year is expected to stand at Rs. 18·79 lakhs. Owing to the changes in design of the Central Station building, provision of additional staff quarters in the Central Station yard, provision of new permanent way materials for a portion of the railway line instead of utilising the old materials from the pier-siding as originally proposed and increased outlay on land, an excess of more than Rs. 4¼ lakhs over the original estimate is anticipated by the Railway Engineer, of which nearly two lakhs is under Land Compensation charges. An

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